

WHAT IS CLAIMED IS:

1. A method of making a digital and analog image storage product, comprising the steps of:
providing a photosensitive medium capable of forming an image thereon when exposed to light and is also capable of storing data in a digital format; and
providing an analog and digital image on said medium simultaneously using a near-field-imaging device.
2. The method according to claim 1 wherein said photosensitive medium comprises an optical disc.
3. The method according to claim 1 wherein near field optical device provides images having a size not greater than about 500 microns.
4. The method according to claim 1 wherein said photosensitive medium has a support structure on which a layer of a photosensitive material is placed on said product by chemical vapor deposition.
5. A photosensitive data storage product made of a material on which digital data may be formed, the digital data comprising discrete image elements formed by exposure to light.
6. A photosensitive data storage product according to claim 5 wherein product comprises a support structure having a photosensitive layer thereon.
7. A photosensitive data storage product according to claim 6 wherein said photosensitive layer includes photo-chromic molecules.
8. A photosensitive data storage product according to claim 6 wherein said photosensitive layer comprises a fluorescent material.

9. A photosensitive data storage product according to claim 6 wherein said photosensitive layer comprises a silver halide emulsion

10. A photosensitive data storage product according to claim 5 wherein digital data is no greater than 500 microns.

11. A photosensitive data storage product according to claim 6 wherein a protective layer is provided over said photosensitive layer.

12. A photosensitive data storage product according to claim 5 wherein said product comprises a disc.

13. A data storage product having a support having a first surface and a second surface, said first surface having a layer made of a material on which digital data may be formed, said second surface having photosensitive layer made of a material on which analog image may be formed.

14. A data storage product according to claim 13 wherein near field optics may be used to print images thereon.

15. A data storage product according to claim 13 wherein said photosensitive layer includes photo-chromic molecules.

16. A data storage product according to claim 13 wherein said photosensitive layer comprises a fluorescent material.

17. A data storage product according to claim 13 wherein said photosensitive layer comprises a silver halide emulsion.

18. A data storage product according to claim 13 wherein digital data is no greater than 500 microns.

19. A data storage product according to claim 13 wherein said first layer is made of a material on which digital data may be formed.

20. A method for encoding digital data and image data on a storage product such that optical images or portions of optical images formed thereon can be read optically without interfering with reading of the digital data, comprising the steps of:

forming digital data in a storage product;

forming optical images on said storage product in a separate step.

21. A method according to claim 20 wherein said digital data is formatted in a first portion of the product and the optical images are formed on a second portion of said product.

22. A storage device having a photosensitive layer capable of retaining an optical image thereon and wherein the optical images may be written in a digital format that can also be read digitally.

23. A data storage product having a support having a recording surface, said recording surface having a first section where digital recording may be placed and a second section where an analog recording may be placed.

24. A data storage product according to claim 23 wherein said first section is provided on a first layer and said second section is provided on a second layer positioned above said first layer.

25. A data storage product according to claim 23 wherein said recording surface has a generally circular shape and said first section is positioned radially inward of said second section.

26. A data storage product according to claim 24 wherein said first section and second section comprise a plurality of concentric ring sections that are alternately placed.

2025 RELEASE UNDER E.O. 14176